IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re application of: Hirayanagi et al.

Application No. 09/749,865

0 6 2003

Filed: December 27, 2000 Confirmation No. 7443

For: WAFER CHUCKS ALLOWING

> CONTROLLED REDUCTION OF SUBSTRATE HEATING AND RAPID

SUBSTRATE EXCHANGE

Examiner: Ram N. Kackar

Art Unit: 1763 ~

Attorney Reference No. 4641-56502

MAIL STOP AF COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AF, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney for Applicant

Date Mailed October 3, 2003



TRANSMITTAL LETTER

Enclosed is an Amendment and Reply After Final Action for the above application.

- \boxtimes Attached to the Amendment is an English translation of the full text of JP 07-273178 (Yutaka), already of record.
- \boxtimes No additional fee is required.
- \boxtimes Please charge any additional fees that may be required in connection with filing this amendment and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- \boxtimes Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

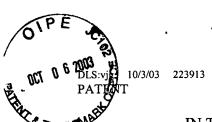
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Docketing cc:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Response Under 37 C.F.R. § 1.116 Expedited Procedure

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RECEIVED TO 1700

AMENDMENT AND REPLY AFTER FINAL ACTION

This responds to the Office action dated August 7, 2003. Please amend the referenced application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2.

Remarks begin on page 6.